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With the Compliments of the  
Medical Officer of Health

# BOROUGH OF GOOLE



# ANNUAL REPORT

of the

Medical Officer of Health

and the

Senior Sanitary Inspector

1951





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# Senior Sanitary Inspector

# 1951

# Public Health Officers

\* \* \* \*

MEDICAL OFFICER OF HEALTH ... ..  
S. KENNAUGH APPLETON, M.D., D.P.H., D.T.M.

SENIOR SANITARY INSPECTOR ... .. R. O. BLACK.  
Certificate of the Royal Sanitary Institute and Sanitary  
Inspectors' Examination Joint Board as Sanitary Inspector.  
Certificate of the Royal Sanitary Institute as Inspector of  
Meat and Other Foods.  
Certificate of the Royal Sanitary Institute as Smoke Inspector.

ADDITIONAL SANITARY INSPECTORS ... K. ARTIST.  
(Certificate of the Royal Sanitary Institute, and Sanitary  
Inspector's Examination Joint Board as Sanitary Inspector)

A. J. LINDSAY  
(Certificate of the Royal Sanitary Institute, and Sanitary  
Inspector's Examination Joint Board as Sanitary Inspector)  
Certificate of the Royal Sanitary Institute as Inspector of  
Meat and Other Foods.

CLERK ... .. Miss M. P. FLETCHER



Divisional Public Health Office,  
Centenary Chambers,  
31/33 Boothferry Road,  
Goole.

To THE MAYOR, ALDERMEN AND COUNCILLORS OF THE  
BOROUGH OF GOOLE.

Ladies and Gentlemen,

I have the honour to present to you my fifth Annual Report on the work of the Public Health Department for the year 1951.

**VITAL STATISTICS:** Live births notified totalled 309 giving a Birth Rate of 16.2 per 1,000 population. There has been a persistent decline in the Birth Rate over the last five years and the figure is now back at about the pre-war average. It is still higher, however, than the national rate of 15.5.

There were 12 stillbirths notified and 20 of all births were illegitimate.

Deaths registered totalled 268; the crude Death Rate being 14.1 per 1,000 population. This Rate, the highest since 1943, compares unfavourably with the unusually low figure for 1950. Most of the increase was due to a 15% increase in deaths from diseases of the heart and circulation which reached a total of 105. Deaths from diseases of the respiratory system were the highest for 26 years and there were 5 deaths attributed to influenza.

It is pleasing to record that the Infantile Mortality Rate of 29.1 (England and Wales 29.9) is the lowest ever recorded in the Borough.

There were no deaths from maternal causes for the fifth year in succession.

**INFECTIOUS DISEASES:** During 1951, 230 cases of notifiable infectious diseases were reported. This incidence was relatively low and consisted mainly of 92 measles—the residue of the epidemic in late 1950, and 75 cases of whooping cough.

Of the non-notifiable diseases mumps was very prevalent during the winter and an unusual number of cases occurred amongst adults, in whom the disease can be extremely unpleasant.

No cases of diphtheria or poliomyelitis occurred in the Borough during the year.

The Mass Radiography Unit was in operation again in the town in September and 2,019 persons were examined. Eight unsuspected cases of active pulmonary tuberculosis were discovered and seventeen cases of inactive tuberculosis. The value of early diagnosis by this method is unquestionable and it is hoped that the Unit will visit Goole annually and that many more of the public will come forward for examination and re-examination.

The position with regard to tuberculosis is not satisfactory. It is true that the death rate from tuberculosis has markedly declined and continues to fall but the incidence of new cases each year remains much the same as twenty years ago. There seems to be little cause for optimism in the present segmentated health service for the tuberculous.

**VERMINOUS HEADS :** In the section of this Report which summarises the work of the County Health Services it is recorded that 575 children, about 20% of the school population, were found to be infested with head lice. Although this figure may not be high in comparison with other districts it is an entirely unnecessary infliction in these days of quick curative and preventive preparations. Most but not all the infested children are girls and many of them are old enough to care for their own hair.

One can sympathise with the horrified mother making her first acquaintance with this pest knowing that treatment will be thorough and supervision afterwards adequate. What of the mother who at one time or another sends all her children to school lousy, and has to be persuaded or threatened into temporary improvement? Having cleansed the child how many mothers think of checking their own hair and that of other females in the home?

A few mothers are too mentally defective to be able to care for their children's hair and in these cases the Health Visitors have to do the cleansing. For the others there is no excuse. A persistently lousy child is indicative of an indifferent, indolent and, probably, lousy mother or guardian.

Although the School Health Service will continue by persuasion and education to combat the head-louse it is enlightened public opinion which will ultimately defeat this pest.

**EMPLOYMENT OF CHILDREN :** It does not seem to be generally realised that the Education Committee of the County Council of the West Riding made Byelaws regarding the part-time employment of children of compulsory school age, operative from the 1st April, 1950. The correct procedure is as follows :—(a) The employer shall send a written notification, giving all details, to the Local Education Office within four days after the employment begins. (b) The Education Authority shall issue an Employment Card showing the occupation in which, and the times between which, employment is permitted. (c) Within fourteen days from the commencement of employment, there shall be produced to and endorsed by the employer a certificate from the School Medical Officer that such employment will not be prejudicial to the child's health or his education. It is an offence to employ a child unless these Byelaws are complied with.

**CLEAN FOOD :** I would draw your attention to the considerable amount of work being carried out by the Health Department in connection with cleaner food, and recorded in the Report of the Senior Sanitary Inspector. The standard for ice-cream and ice-lollipops is high and for milk much improved. A reference to the tables on meat inspection should indicate what a careful and constant watch has to be kept in the interests of public health.

A food poisoning outbreak, is reported in which nineteen or more persons were affected, but not seriously, fortunately. This story illustrates how difficult it is, even with early knowledge, to secure definite proof of the source of infection.

In conclusion I must record my thanks to the Chairman and Members of the Health and Sanitation Committee, the Staff of the Health Department and the Divisional Health Office and the Voluntary Workers at the Clinic for their co-operation during 1951.

I remain,

Your obedient servant,

S. KENNAUGH APPLETON,

Medical Officer of Health.

July, 1952. .

# THE HEALTH OF GOOLE DURING 1951

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## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres 1,267.

Rateable Value £102,994.

Product of a Penny Rate £395. 7s. 10d.

Population. Registrar-General's Estimates, Mid-Yearly—19,060.

1951	1950	1949	1948	1947	1946	1945	1944
19,060	19,470	19,600	19,560	18,920	18,630	17,780	17,470
			1943	1942			
			17,450	18,130			

### BIRTHS 1942-1951.

(Comparability Factor 1951 — 1.04)

#### LIVE BIRTHS.

	Legitimate.		Illegitimate.		Totals.		Total.	Rate
	Male.	Female.	Male.	Female.	Male.	Female.	M. & F.	per 1,000
1951	140	149	9	11	149	160	309	16.2
1950	175	133	10	6	185	139	324	16.6
1949	186	157	10	5	196	162	358	18.3
1948	200	170	6	11	206	181	387	19.8
1947	204	231	17	12	221	243	464	24.5
1946	205	163	5	13	210	176	386	20.7
1945	145	150	16	9	161	159	320	18.0
1944	181	150	16	17	197	167	364	20.8
1943	161	176	26	17	178	185	363	20.8
1942	156	153	24	16	172	161	333	18.3

#### STILL BIRTHS.

1951—37 per 1,000 Births (live and still)

1951	9	3	0	0	9	3	12
1950	5	4	1	0	6	4	10
1949	7	5	1	0	8	5	13
1948	4	2	0	0	4	2	6
1947	3	5	0	0	3	5	8
1946	8	5	0	0	8	5	13
1945	10	4	0	1	10	5	15
1944	9	5	0	2	9	7	16
1943	2	9	0	1	2	10	12
1942	5	7	2	0	7	7	14



## MARRIAGES, 1942-1951.

Year.	No. of Marriages.	Rate per 1,000.	Year.	No. of Marriages.	Rate per 1,000.
1951	201	21.1	1946	226	24.2
1950	194	19.9	1945	239	26.8
1949	218	22.2	1944	156	17.8
1948	237	24.2	1943	145	16.6
1947	234	24.7	1942	186	20.4

## DEATHS, 1942-1951.

(Comparability Factor 1950 — 1.04)

Year.	M.	F.	Total.	Rate.	Year.	M.	F.	Total.	Rate.
1951	164	104	268	14.1	1946	103	95	198	10.62
1950	121	92	213	10.9	1945	123	91	214	12.0
1949	139	115	254	13.0	1944	140	94	234	13.3
1948	131	102	233	11.9	1943	131	119	250	14.3
1947	123	87	210	11.09	1942	111	130	241	13.2

## CAUSES OF DEATH.

	M.	F.	Total.
Tuberculosis (respiratory)	3	1	4
Tuberculosis (other)	1	1	2
Syphilitic disease	1	1	2
Malignant neoplasm, stomach	1	3	4
Malignant neoplasm, lung, bronchus	8	0	8
Malignant neoplasm, breast	—	2	2
Malignant neoplasm, uterus	—	1	1
Other malignant and lymphatic neoplasms	15	6	21
Leukaemia, aleukaemia	1	1	2
Diabetes	1	0	1
Vascular lesions of nervous system	16	12	28
Coronary disease, angina	31	12	43
Hypertention with heart disease	2	4	6
Other heart disease	28	25	53
Other circulatory disease	3	0	3
Influenza	3	2	5
Pneumonia	5	2	7
Bronchitis	20	12	32
Other diseases of respiratory system	0	1	1
Ulcer of stomach and duodenum	1	0	1
Gastritis, enteritis and diarrhoea	4	0	4
Nephritis and nephrosis	4	1	5
Hyperplasia of prostate	2	—	2
Congenital malformations	1	1	2
Other defined and ill-defined diseases	7	13	20
Motor vehicle accidents	2	0	2
All other accidents	2	2	4
Suicide	2	1	3
All causes	164	104	268



# MATERNAL MORTALITY 1942-1951.

Year	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
Deaths	0	0	0	0	0	1	0	0	2	2
Rate per 1,000 Total Births	0	0	0	0	0	2.5	0	0	5.3	5.7

# INFANTILE MORTALITY 1942-1951.

Year.	M.	F.	Total.	Rate.	Year.	M.	F.	Total.	Rate.
1951	5	4	9	29	1946	8	5	13	34
1950	11	7	18	56	1945	17	9	26	81
1949	5	10	15	42	1944	13	9	22	60
1948	8	7	15	39	1943	11	8	19	52
1947	11	7	18	39	1942	14	10	24	72

# INFANTILE MORTALITY.

	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	Total
Prematurity	1								1
Acute enteritis						1			1
Gastro-enteritis						1			1
Cerebral haemorrhage, and birth injuries	1								1
Hypostatic pneumonia					1				1
Broncho-pneumonia						1			1
Spina-bifida	1								1
Asphyxia and convulsions...						1			1
Capillary bronchitis	1								1
Total	4				1	4			9

# TUBERCULOSIS.

New Cases and Mortality during 1951.

Age Groups	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1	0	0	0	0	0	0	0	0
1-4	0	0	0	0	0	0	0	0
5-9	1	0	0	2	0	0	0	1
10-14	1	0	0	1	0	0	0	0
15-24	2	1	0	1	1	0	0	0
25-34	2	0	0	2	1	0	0	0
35-44	4	4	0	1	0	0	0	0
45-54	4	1	0	0	1	0	0	0
55-64	0	0	0	0	0	0	1	0
65- +	0	1	0	0	0	1	0	0
Totals	14	7	0	7	3	1	1	1

## Comparative Figures.

Year.	New Cases.	Deaths.	Rate.	Year.	New Cases.	Deaths.	Rate.
1951	28	6	0.31	1944	19	9	0.50
1950	21	4	0.20	1943	16	16	0.91
1949	21	11	0.56	1942	24	13	0.71
1948	30	10	0.61	1941	21	12	0.65
1947	29	12	0.63	1931	79	31	1.62
1946	26	8	0.42	1921	37	27	1.39
1945	21	11	0.61	1911	—	26	1.28
				1901	—	28	1.69

## TOTAL CASES ON REGISTER.

	Male.	Female.	Total.
Pulmonary	73	51	124
Non-Pulmonary	25	29	54
	98	80	178

## MASS RADIOGRAPHY SURVEY, 1951.

Miniature X-ray examinations	2019
Findings : Active tuberculosis	8
Inactive tuberculosis	17
Heart disease	3
Cancer of bronchus	1
Other conditions	2
	31

CASES OF INFECTIOUS DISEASE NOTIFIED DURING 1951.

NUMBER OF CASES NOTIFIED										
	at all ages	ACCORDING TO AGE								Deaths
		Under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	Over 64	Removed to Hospital	
Erysipelas	...	...	...	...	...	...	1	...	...	...
Scarlet Fever	...	...	6	9	2	...	...	...	10	...
Pulmonary Tuberculosis	...	...	...	2	3	10	5	1	...	4
Other Forms of Tuberculosis	...	...	...	3	1	3	...	...	...	2
Measles	...	...	65	...	14	...	...	...	...	...
Primary Pneumonia	...	...	2	...	1	...	4	4	...	7
Whooping Cough	...	...	42	20	...	1	...	...	...	...
*Diphtheria	...	...	...	1	...	...	...	...	1	...
Food Poisoning	...	...	...	2	...	2	1	...	...	...
Total	...	25	115	37	21	16	11	5	11	13
*final diagnosis tonsillitis.										

**GOOLE BOROUGH**  
**PRINCIPAL VITAL STATISTICS FOR THE YEAR, 1951**  
Based on Registrar-General's Figures.

	Goole Borough	Aggregate West Riding Urban Districts	West Riding Admin. County	England & Wales (Provisional figures).
<b>BIRTH RATE</b>				
(per 1,000 estimated population)...	16 2	15.6	15.8	15.5
<b>DEATH RATES</b>				
(all per 1,000 estimated population)				
All Causes (Crude D.R.) ...	14.1	13.5	12.7	12.5
Infective and Parasitic Diseases* ... ..	0.10	0.11	0.10	**
Tuberculosis of Respiratory System	0.21	0.24	0.24	0.28
Other forms of Tuberculosis ...	0.10	0.04	0.04	0.04
Respiratory Diseases † (excluding tuberculosis of respiratory system) ... ..	2.36	0.28	0.28	0.32
Cancer ... ..	1.99	1.89	1.80	1.96
Heart & Circulatory Diseases ‡ ...	5 51	5.10	4.72	**
Vascular Lesions of Nervous System ... ..	1.47	1 86	1.72	**
<b>INFANT MORTALITY</b>				
(Deaths under one year per 1,000 live births) ... ..	29	30.8	31.8	29 6
<b>DIARRHŒA</b>				
(Deaths in infants under 2 years of age per 1,000 live births) ...	6.5	**	**	1.4
<b>MATERNAL MORTALITY</b>				
(Deaths of mothers in childbirth per 1,000 live and still births)	. 0	0.81	0.93	0.79

\* Combined death rate from syphilitic disease, diphtheria, whooping cough, meningococcal infections, acute polio-myelitis, measles and other infective and parasitic diseases.

† Combined death rate from bronchitis, pneumonia, influenza and other respiratory diseases, excluding tuberculosis of the respiratory system.

‡ Combined death rate from heart disease and other diseases of the circulatory system.

\*\* Figures not available.



# NATIONAL ASSISTANCE ACT, 1948

## Section 47.

No proceedings were taken under this Act during 1951.

### WEST RIDING COUNTY DIVISIONAL HEALTH SERVICES IN GOOLE 1951.

The Public Health Nursing Staff in this Division no longer works according to County District boundaries. Most of the figures in the following summaries refer to Goole Borough but in certain cases the figures are those for the Borough and Rural District combined, or for Division No. 10 as a whole.

#### 1. BIRTHS.

Live Births	...	...	...	...	309
Stillbirths	...	...	...	...	12
Illegitimate	...	...	...	...	20
Males	...	...	...	...	149
Females	...	...	...	...	160

#### 2. PREMATURE BABIES. Babies weighing 5½lbs. or less at birth.

			Live.	Still- born.
(i) Born at home	...	...	5	1
(ii) Born in an institution	...	...	10	1
Total	...	...	15	2

#### 3. HEALTH VISITING (Goole B. & R.D.)

	1st Visits.	Other Visits.	Total.
Expectant mothers	222	329	551
Children under 1 year	494	1917	2411
„ between 1 and 5 years	103	5222	5325
Other cases	61	116	177
Ineffective	—	—	1818
Total	880	7584	10282

#### 4. CHILD WELFARE CLINICS.

(a) Total number of children under 5 years of age who first attended the Clinics during the year, and who at the date of their first attendance were :—

(i) under 1 year	...	...	...	249
(ii) over 1 year	...	...	...	10

(b) Total number of children under 5 years of age who attended the Clinics during the year and who at the end of the year were :—

(i) under 1 year	...	...	...	228
(ii) over 1 year	...	...	...	492

Number of Sessions held :—

Bartholomew Avenue	...	...	...	48
Total attendance	...	...	...	3141
Average per session	...	...	...	65
Old Goole	...	...	...	51
Total attendance	...	...	...	1296
Average per session	...	...	...	25
Total attendance in 1951	...	...	...	4437

5. SCHOOL HEALTH SERVICE.

CONSULTANT CLINICS.—ORTHOPAEDIC.

Number of individual patients seen :—

Pre-School	...	...	18
School	...	...	35
Recommended operative treatment :—			
Pre-School	...	...	1
School	...	...	3
Recommended treatment by physiotherapist :—			
Pre-School	...	...	1
School	...	...	6
Total attendances at Clinic :—			
Pre-School	...	...	30
School	...	...	49

PHYSIOTHERAPY SESSIONS :—

Number of cases for exercises :—

Pre-School	...	...	10
School	...	...	25
Total number of attendances :—			
Pre-School	...	...	205
School	...	...	409
Number of cases for ultra-violet light	...	...	18
Total number of attendances	...	...	259

PAEDIATRIC.

Number of individual patients seen :—

Pre-School	...	...	11
School	...	...	18
Total number of attendances :—			
Pre-School	...	...	28
School	...	...	36

SPEECH THERAPY.

Number of new cases :—

Stammers	...	...	8
Other defects	...	...	17

COUNTY OCULIST.

Number of new cases seen	...	...	343
Number for whom spectacles prescribed	...	...	104

## SCHOOL CLINICS AND MEDICAL INSPECTIONS.

Number of attendances at Clinic	...	...	2782
Number of children inspected in school by doctors...			1250
Number of children inspected in school by nurses	...	...	2112
Number of examinations by nurses	...	...	4496
The following defects were found at Medical Inspections :			
Verminous heads	...	...	356
Skin	...	...	19
Vision	...	...	94
Other eye conditions	...	...	18
Hearing	...	...	7
Other ear defects	...	...	114
Nose and throat	...	...	56
Speech	...	...	21
Cervical glands	...	...	36
Heart and circulation	...	...	3
Lungs	...	...	11
Developmental	...	...	—
Orthopaedic	...	...	32
Nervous system	...	...	3
Psychological	...	...	19
Other conditions	...	...	38

## EDUCATIONALLY SUBNORMAL CHILDREN.

Primary mental testing	...	...	...	53
Re-examinations	...	...	...	25
Pre-school age (informal)	...	...	...	2
Reported to M.D. Authority as ineducable	...	...	...	9
Recommended for Special Residential Schools	...	...	...	21

## 6. MIDWIFERY.

### ANTE-NATAL CLINIC.

The Divisional Office is still operating the Bed Booking Bureau for the Goole Maternity Home and therefore, mothers from the East Riding also attend the Goole Clinic. The table below gives the number of attendances, number of first attendances and the number of expectant mothers attending the Clinic, whether institutional or domiciliary bookings.

Area.	New Cases.	Total Visits.	Number of Women Attending.
Goole B.	... 216	1084	270
Goole R.	... 39	184	45
Selby U.	... 1	2	1
Selby R.	... 3	9	3
East Riding	... 26	135	32
Total	... 285	1414	351
Average per session	... 5.7	28.29	

Blood tests were carried out on 220 expectant mothers and 16 expectant fathers during the year. 28 of the former and 2 of the latter were found to have Rhesus Negative blood.

A Mothercraft and Relaxation Exercise Class for expectant mothers is held weekly in the Goole Clinic and is well attended.

## MOTHERS CONFINED IN HOSPITAL.

Goole Maternity Home	...	...	104
Leeds Maternity Hospitals	...	...	8
Wakefield Maternity Hospitals	...	...	10
Total	...	...	122

The figure given for Goole Maternity Home does not include mothers who normally do not reside in Goole.

There were 196 domiciliary confinements in Goole.

The following is a summary of the work of the Midwives but due to overlapping of Midwives' districts and district boundaries the figures are for the Division as a whole.

Number of cases	...	...	...	449
Number of visits	...	...	...	13995
Number of cases where Gas and Air administered	...	...	...	269
Number of Midwives	...	...	...	11
Number of Midwives qualified to administer Gas and Air	...	...	...	11

## 7. HOME NURSING.

Number of new cases booked during the year	...	191
Number of visits made during the year	...	6546

## 8. HOME HELPS.

Home Helps attended the following cases.

Expectant Mothers	...	...	...	9
Lying In	...	...	...	71
General Illness	...	...	...	30
Aged	...	...	...	25
Total	...	...	...	135

There were 7 whole-time and 8 part-time home helps employed.

## 9. VOLUNTARY WORKERS.

Valuable assistance has again been given in a voluntary capacity at the Bartholomew Clinic by the ladies of the Inner Wheel Club of Goole and by Mrs. Smith.

Their services are greatly appreciated.

## 10. IMMUNISATION AGAINST DIPHTHERIA—during 1951.

Number of completed injections:—

Children under 5 years	...	...	209
Children over 5 years	...	...	16
Total	...	...	225
Booster doses	...	...	173
Total	...	...	398



Total number of children under 15 years of age who have been immunised up to the 31st December, 1951 :—

Age—years	0-1	1-2	2-3	3-4	4-5	5-10	10-15	Total
Number	15	181	196	240	279	1098	714	3723
Percentage	52.14%					64.37%		59.69%

11. MENTAL HEALTH.

The number of mentally defective persons under supervision at the end of 1951 was as follows :—

	Male.	Female.	Total.
Under Guardianship ...	1	0	1
Under Statutory Supervision ...	19	14	33
Under Voluntary Supervision ...	1	2	3
On Licence from Institutions ...	1	7	8

12. COUNTY AMBULANCE SERVICE.

It will be of interest to note the following table of patients carried by the W.R.C.C. Ambulances stationed at Goole and Selby during 1951. (Division No. 10).

Accident cases	...	...	310
Maternity cases	...	...	238
Other urgent cases	...	...	236
Journeys made	...	...	3878
Total patients carried	...	...	10205

Mileage travelled—166,151 miles.

A large proportion of cases were taken to hospitals in Leeds, but journeys were made over a large area of the West and East Ridings.

W.R.C.C. CLINICS IN GOOLE.

(a) Bartholomew Avenue Public Health Centre.

MONDAY 10—12 : Minor Ailments	...	Nurse Barlow.
Sunlight	...	Nurse Hargreaves.
2—4 : Mothercraft Class	...	Nurse Hargreaves.
TUESDAY 10—12 : Remedial Exercises	...	Miss Alderson.
Orthopaedic Clinic		
(second in month)	Mr. A. J. S. Bell-Tawse.	Miss Alderson
2—4 : Child Welfare.	...	Dr. M. J. Lowe.
		Nurse Barlow.
		Nurse Hargreaves.
		Nurse Butler.
WEDNESDAY 10—12 : School Clinic.	...	Dr. M. J. Lowe.
		Nurse Pratt.
		Nurse Ward.
10—4 : Speech Therapy.	...	Mrs. Hepworth.
2—4 : Paediatric Clinic.	...	Dr. J. D. Pickup.
(first in month)		Nurse Pratt.

THURSDAY 10—12 :	Remedial Exercises	Miss Alderson.
	Sunlight Session.	.. Miss Alderson.
		Nurse Hargreaves.
	Speech Therapy.	... Mrs. Hepworth
FRIDAY 10—12 :	Minor Ailments.	... Nurse Barlow.
2—4 :	Maternity Clinic.	... Dr. S. K. Appleton.
		Nurse Hargreaves.
		Nurse Ward.
		Midwives.

Eye-testing Sessions are held on first, third and fourth Thursday in the month by Dr. L. Wittels.

Dental treatment is provided throughout the week at the County Dental Clinic in Westfield Avenue.

**(b) Old Goole.**

MONDAY & FRIDAY 10—12 :	Minor Ailments.	Nurse Ward.
	(County Primary School).	
THURSDAY 2—4 :	Child Welfare.	Dr. M. J. Lowe.
	(St. Mary's Sunday School)	Nurse Ward.

Ladies and Gentlemen,

I have the honour to present to you my sixteenth annual report upon the work of the Housing and Sanitary Sections of the Public Health Department. I have tried to make the report as factual and to give as little comment, as possible. In many respects sanitary conditions are substantially the same as they were in 1950 and where this is so I have not burdened you by repeating what I have already said in my report for that year. My thanks are again due to the Medical Officer of Health, his staff and my own staff for ready co-operation at all times.

I am, Ladies and Gentlemen,

Your obedient servant,

R. O. BLACK,

Senior Sanitary Inspector.

**Analysis of Visits, Inspections, Sampling etc., carried out by the  
Inspectorial Staff.**

**Food and Food Premises.**

Public Slaughterhouse	...	...	...	...	376
Meat shops and butchers' preparation rooms	...	...	...	...	9
Provision shops	...	...	...	...	37
Fried fish shops	...	...	...	...	12
Hotel, cafe and school kitchens	...	...	...	...	3
Licensed premises and eating houses	...	...	...	...	30
Market stalls and hawkers' vehicles	...	...	...	...	1
Other premises in which food is stored, prepared or sold	...	...	...	...	2

**Milk and Milk Premises.**

Dairies.	...	...	...	...	9
Milk samples for bacteriological examination	...	...	...	...	151
Milk samples for biological tests (T.B.)	...	...	...	...	16

**Ice-cream and Ice-cream Premises.**

Ice-cream factories, stalls and vehicles	...	...	...	...	17
Ice-cream samples for bacteriological examination	...	...	...	...	97
Ice-lollipops samples for bacteriological examination	...	...	...	...	64

**Water.**

Samples of drinking water for bacteriological examination	...	...	...	...	73
Samples of drinking water for chemical analysis	...	...	...	...	4

**Housing.**

Routine inspection of council houses	...	...	...	...	811
Verifying and re-verifying applications for council houses	...	...	...	...	697
Houses inspected under Housing Consolidated Regulations	...	...	...	...	46
Structural defects or disrepair	...	...	...	...	1108
Sanitary defects or nuisance	...	...	...	...	529
Drains smoke tested	...	...	...	...	13
Drains colour tested	...	...	...	...	2
Drains opened up for examination	...	...	...	...	12
Investigating suspected overcrowding	...	...	...	...	1
Tenements and houses let-in-lodgings	...	...	...	...	5

Verminous premises	...	...	...	...	12
Supervising disinfestations		...	...	...	92
Common lodging houses	...	...	...	...	17

### **Infectious Diseases.**

Investigating infectious diseases and food poisoning	...	32
Supervising disinfections	...	3

### **Shops.**

Shops for the purpose of the Shops Acts	...	406
Shops for the purpose of the Food and Drugs Act, 1938	...	54

### **Factories.**

Factories where motive power is used	...	175
Factories where motive power is not used	...	83

### **Rodents and Insect Pests.**

Rat infestations (primary visits 67. revisits 247).	...	314
Mice infestations (primary visits 41. revisits 66).	...	107
Beetle infestations (primary visits 66. revisits 129).	...	195

### **Miscellaneous.**

Caravans	...	1
Hairdressing saloons	...	25
Petroleum stores	...	31
Schools	...	1
Public conveniences	...	5
Smoke observations	...	7
Stables or manure pits	...	10
Refuse tips	...	9
Cinemas	...	4
Samples of water from public swimming bath for bacteriological examination	...	10
Unclassified visits	...	372
Inspections where notices are in force	...	1113
Inspections where works are in progress	...	50

### **Complaints received during 1951.**

Defective water closets	...	24
Defective box closets	...	3
Defective dustbins	...	85
Accumulations of refuse	...	5
Nuisances from the keeping of animals, poultry, etc.	...	7
Filthy premises	...	4
Verminous premises	...	6
Offensive smells	...	15
Dirty conveniences	...	1
Offensive waste food bins	...	3
Inefficient refuse collection	...	1
Defective chimneys	...	6
Defective roofs	...	13
Defective eaves gutters or fall pipes	...	7
Dangerous walls	...	2
Defective wall or ceiling plaster	...	5
Defective windows or sash cords	...	2
Defective ranges or fireplaces	...	16
Dampness	...	28



Defective tap	...	...	...	...	...	8
Defective sinks	...	...	...	...	...	1
Defective waste pipes		...	...	...	...	6
Defective drains	...	...	...	...	...	86
Defective water service pipes	...	...	...	...	...	22
Dry rot	...	...	...	...	...	7
Defective floors	...	...	...	...	...	4
Defective yard or passage surfaces			...	...	...	2
General disrepair	...	...	...	...	...	129
Miscellaneous unclassified defects			...	...	...	17
Rats	...	...	...	...	...	37
Mice	...	...	...	...	...	28
Beetles, slugs, snails etc.		...	...	...	...	93
						673

**Action taken following the receipt of Complaints.**

Written request to person responsible to remedy defect or abate nuisance	...	...	...	...	...	309
Remedied or abated by direct action within the department...						157
Referred to other departments of the Council for action	...					124
No action (complaints ill-founded or already remedied)	...					83
						673

Owing to the amicable relations between the department and the large estate agents in the Borough many complaints are remedied without resorting to written notices. Choked drains are cleared by the Highways Department on a verbal request and charged to the Owner. Infestations of rats, mice, beetles, insects and vermin are dealt with by the department "in our stride". Where tenants are able and willing to help themselves we do all we can to assist with advice, the loan of rat and mouse traps, free supply of rat poison, insecticides etc.

**Defects remedied and Nuisances abated by the service of Written Notices.**

Type of Notices.	Notices Outstanding 1.1.51	Notices Served 1951.	Total in Force. 1951.	Notices executed by owners.	Notices executed by L.A.	Notices Outstanding 31.12.51.
Informal Notices.	... 179	291	470	403	—	67
<b>Statutory Notices :—</b>						
Public Health Act, 1936, Section 75	... —	42	42	29	—	13
Public Health Act, 1936, Section 83	... —	1	1	1	—	—
Public Health Act, 1936, Section 93	... 9	22	31	27	1	3
Housing Act, 1936, Section 9	... 6	59	65	50	6	9
Housing Act, 1936, Section 11	... —	20	20	20	—	—
Housing Act, 1936, Section 168	... —	23	23	23	—	—
Totals	... 194	458	652	553	7	92

## Housing defects remedied following the service of Notices :—

Chimney pots renewed	...	...	...	...	3
Chimney stacks rebuilt	...	...	...	...	5
Chimney stacks repointed	...	...	...	...	1
Chimney stacks flashings or fillets renewed	...	...	...	...	5
Roofs repaired	...	...	...	...	38
Eaves gutters renewed, repaired, or cleansed	...	...	...	...	48
Fallpipes renewed, repaired or cleansed	...	...	...	...	26
Windows renewed or repaired	...	...	...	...	3
Windows, reveals repointed	...	...	...	...	3
Doors (external) renewed or repaired	...	...	...	...	5
Doors (external) new thresholds	...	...	...	...	3
Walls (main)—brickwork rebuilt	...	...	...	...	1
Walls (main)—brickwork repointed	...	...	...	...	2
Walls (main)—damp courses inserted	...	...	...	...	1
Walls, fence or boundary rebuilt	...	...	...	...	2
Walls, fence or boundary repaired	...	...	...	...	1
Gates, yard, renewed or repaired	...	...	...	...	4
Gate posts, yard, renewed or repaired	...	...	...	...	2
Yard surfaces, relaid	...	...	...	...	5
Yard surfaces, repaired	...	...	...	...	2
Drains relaid	...	...	...	...	4
Drains repaired	...	...	...	...	3
Drains cleansed	...	...	...	...	18

### Outbuildings.

Roofs reslated	...	...	...	...	2
Roofs repaired	...	...	...	...	14
Walls repaired	...	...	...	...	9
Walls repointed	...	...	...	...	2
Doors renewed or repaired	...	...	...	...	20

### Water Closets.

Cisterns repaired or renewed	...	...	...	...	33
Flush pipes rejointed	...	...	...	...	10
Basins renewed	...	...	...	...	10
Seats renewed	...	...	...	...	9
Service pipes repaired	...	...	...	...	13

### Internal.

Ceilings renewed or repaired	...	...	...	...	13
Walls replastered	...	...	...	...	20
Skirting boards repaired	...	...	...	...	1
Floors relaid or repaired	...	...	...	...	43
Cooking ranges renewed or repaired	...	...	...	...	23
Fireplaces renewed or repaired	...	...	...	...	21
Windows—cords renewed	...	...	...	...	14
Sinks renewed	...	...	...	...	2
Sink waste pipes renewed or repaired	...	...	...	...	4
Wash coppers renewed or repaired	...	...	...	...	7
Taps renewed or repaired	...	...	...	...	2
Service pipes repaired	...	...	...	...	4
Dustbins provided	...	...	...	...	52
Bug infestations remedied	...	...	...	...	1
Dirty houses cleansed	...	...	...	...	4
Accumulations of refuse removed	...	...	...	...	2
Overcrowding abated	...	...	...	...	1
Unclassified defects	...	...	...	...	30

## **Food Poisoning.**

In April an outbreak of suspected food poisoning, affecting three members of one family was reported. Despite the prompt action taken, including the examination of faeces, no specific cause could be found for the outbreak.

On Saturday the 11th August a wedding reception was held and a meal was served to about fifty persons, but unfortunately we were unable to get a complete list of all those at the reception. The meal consisted of :—

1. Sandwiches made from a home cooked tongue.
2. Sandwiches made from a tinned tongue.
3. Sandwiches made from a tinned ham.
4. Home made trifles.
5. Home made pastries.
6. Wedding cake.
7. Tea.
8. Port wine.

The first person to be ill was an elderly woman who was helping to cut up and prepare the meal. She stated that she had a small portion of meat (she is not clear as to whether it was ham or tongue) on a small piece of bread. Within half an hour she felt so ill she had to be taken home where she had violent sickness and diarrhoea, with headache, pains in the chest, icy-cold and shivering, cramp in legs. So far as we could ascertain about 19 men, women and children were affected in greater or lesser degree with some or all of the symptoms given above. The period of onset varied from within 30 minutes to within 3 hours of having the meal. Again, unfortunately, owing to the food being made into sandwiches it was difficult to ascertain who had or who had not the three different kinds of meat, and although investigations were begun at 7 p.m. on the day of the wedding it was not possible to get a sample of the home cooked tongue as it had all been eaten. We obtained a sample of the tinned tongue and also the empty tin, also the empty ham tin and a sample of the trifle. So far as we could ascertain no-one who had any part in the preparation of the home cooked tongue or of the trifles had any cuts, sores or boils about their hands or arms neither had they a cold or other suspicious symptoms. Those people affected made a quick recovery and were normal on Monday the 13th. The evidence obtained was submitted to the Public Health Laboratory for examination with negative results so it seems reasonable to assume that the home prepared tongue was the cause of the trouble.

## **Chemical Analysis of Food.**

Two samples of food have been sent to the Analyst during the year. One was a tin of vegetable soup in which the purchaser complained he had found a piece of rodent fur. The Analyst found it to be a small portion of bovine hide. The other was a sample of imported pears which were found to contain arsenic in quantities in excess of that permitted. Quick action was taken to prevent the sale of these pears until they had each been properly washed.

**Food and Drugs Act, 1938. Section 13.**

Following requests from this department the following improvements have been made at 17 food premises:—

White glazed wash basins provided	...	...	3
Gas geysers provided	...	...	13
Electric geysers provided	...	...	3
Cold water supply provided	...	...	3
Towels provided	...	...	3
Soap provided	...	...	3
Deep white sink provided	...	...	1
New sanitary annexe provided	...	...	1

**SLAUGHTERHOUSE**

Month.	Cattle.	Calves.	Pigs.	Sheep.
January	... 106	51	32	500
February	... 95	34	148	389
March	... 139	35	341	433
April	... 188	15	174	295
May	... 180	7	204	342
June	... 90	14	134	343
July	... 123	6	110	358
August	... 370	16	180	664
September	... 456	31	157	880
October	... 356	55	128	845
November	... 367	71	139	943
December	... 172	47	71	346
	<hr/> 2742	<hr/> 382	<hr/> 1818	<hr/> 6338

**CATTLE MARKET**

Month.	Cattle.	Calves.	Pigs.	Sheep.
January	... 138	25	233	234
February	... 189	27	342	116
March	... 327	14	288	288
April	... 709	4	345	811
May	... 768	2	282	123
June	... 250	6	368	261
July	... 199	4	288	186
August	... 710	16	327	451
September	... 444	27	196	295
October	... 415	52	226	600
November	... 415	50	350	320
December	... 98	23	268	132
	<hr/> 4662	<hr/> 250	<hr/> 3495	<hr/> 3817



### Carcases Inspected and Condemned.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed if known ...	2386	356	382	6338	1818
Number inspected ...	2386	356	382	6338	1818
All diseases except tuber- culosis: Whole carcasses condemned ...	16	16	4	25	24
Carcases of which some part or organ was condemned ...	672	64	4	53	220
Percentage of the number in- spected affected with disease other than tuberculosis ...	28.8%	22.4%	2.09%	1.23%	13.4%
Tuberculosis only:					
Whole carcasses condemned ...	10	17	3	—	7
Carcases of which some part or organ was condemned ...	172	133	—	—	48
Percentage of the number in- spected affected with tuber- culosis ...	7.6%	42.1%	0.75%	—	3.0%
	All Bovines				
Casualties (included above) ...	212		102	129	968

### Food Condemned at the Slaughterhouse.

#### Tuberculosis only:

Animal.	Beasts.	Cows.	Calves.	Pigs.
Full carcasses ...	10	17	3	7
Hindquarters ...	1			
Forequarters ...		2		
Heads and tongues ...	120	88		26
Lungs ...	128	80		17
Hearts ...	8	8		9
Livers ...	31	22		9
Kidneys ...		2		1
Mesenteries ...	2	9		11
Intestines ...	2	9		11
Stomachs ...	2	9		11
Spleens ...	2	7		
Diaphragms ...	4	8		
Udders ...		16		
Briskets ...	2			

### Whole Carcases and Offals condemned for causes other than Tuberculosis.

	Beasts.	Cows.	Calves.	Pigs.	Sheep & Lambs.
Bruising, severe ...					1
Decomposed or Moribund ...	3			4	1
Dropsy, general ...	5	6	2		19
Emaciation pathological ...					2
Erysipelas, Swine ...				2	
Fever, acute ...				8	
Immaturity ...				2	
Medicine taint ...	1				

	Beasts.	Cows.	Calves.	Pigs.	Lambs. Sheep &
Mastitis, acute septic ...		1			
Metritis, acute septic ...		7			
Uraemia, or urinous odours...				1	
Pericarditis, acute septic ...	3	1			1
Pyæmia, including joint-ill	2				
Septicæmia ...	1	1	2	3	1
Tetanus ...	1				
Tumours, multiple ...				4	
	—	—	—	—	—
	16	16	4	24	25
	—	—	—	—	—

#### **Bovine Offals condemned for conditions other than Tuberculosis.**

16 heads—actinomycosis	11 livers—cysts
15 tongues—actinomycosis	2 livers—melanosis
8 heads—abscesses	3 livers—cirrhosis
12 heads—cysticercus bovis	2 livers—bac. necrosis
131 lungs—cysts	2 kidneys—nephritis
6 lungs—abscesses	1 guts—Johnes disease
33 lungs—congestion	3 hearts—pericarditis
213 livers—flukes	12 udders—mammitis
251 part livers—flukes	2 spleens—cysts
144 livers—abscesses	2 spleens—inflamed
29 livers—angioma	side beef—bone taint
25 livers—degeneration	1 hindquarter—abscesses
1 hindquarter beef; 4 shins; 3 flanks; 2 briskets; 20lbs. beef;	
2 kidneys and loin fat; 1 heart; 1 head—all injuries.	
3 calves plucks—inflammation.	

#### **Pig Offals condemned for causes other than Tuberculosis.**

1 head and tongue—injury	21 lungs—congestion
4 legs—bruising	2 lungs—cysts
1 leg—abscesses	16 livers—cirrhosis
90 plucks—congestion and necrosis	1 liver—necrosis
22 plucks—inflammation	6 livers—cysts
3 plucks—degeneration	1 omentum—cysts
8 plucks—cysts	4 udders—mastitis
5 plucks—cirrhosis	3 kidneys—infarcts
1 pluck—pericarditis	30 kidneys—nephritis
	1 guts—inflammation

#### **Sheep Offals condemned.**

38 plucks—degeneration  
1 pluck—abscesses  
4 plucks—cysts  
4 legs; 2 flanks; 1 quarter; 1 shoulder; 1 leg—injuries and bruising.

#### **Cysticercus Bovis.**

21 instances of cysticercus bovis were found—14 viable cysts in masseter muscles, 1 degenerated cyst in the same area, 5 degenerated cysts in the heart, and 1 degenerated cyst in the diaphragm.

169 tins of meat products, including whole meat, meat and gravy, pork, beef loaf, luncheon meat, veal, veal loaf, ham loaf, chopped pork, cooked ham, corned beef, rabbit, steak, veal and ham, chicken.

259 tins of fish products, including salmon, herrings, crab, crab paste, pilchards, herring roes, cod.

14 tins of soups, including tomato, carrot, mixed vegetable.

131 tins of fruit, including cherries, plums, greengages, damsons, oranges, peaches, grapes, apricots, pineapple, rhubarb, pears.

740 tins of vegetables, including peas, tomatoes, beans, carrots, spaghetti.

74 tins of milk, including condensed, evaporated and unsweetened.

17 tins of fruit and vegetable juice, including orange, tomato.

34 tins or other containers of preserves, including jam, marmalade, golden syrup, apple jelly, lemon curd.

143lbs. cheese and 1,750 packets of processed cheeses.

464½lbs. of cooked meats including ham, beef, veal, pork, sausage, luncheon meat, pork pies.

111 bottles or jars including cabbage, fish paste, pears, fruit salad, apricots, salad cream, onions, sauce, coffee, chutney, peaches, pickles.

Various small quantities of packet soups, chicken, oatmeal, toffees, cakes, black puddings, gelatine, butter, flour, bread, dog food, etc.

#### **Slaughter of Animals Act, 1933.**

All animals slaughtered at the Public Slaughterhouse are first stunned with the cash captive bolt pistol. Slaughtermen's Licences are only issued to experienced slaughtermen known to the department. During the year 24 licences were issued.

## MILK

Premises coming under the supervision of authorities other than the Local Authority are :—

Milk Treatment Plants (Pasteurising)	1
Cow Sheds (Milk Producers)	3

Premises and persons coming under the supervision of the Local Authority are :—

Milk Distributors (including dairymen)	37
Dairies and Dairymen	10

### LABORATORY EXAMINATION OF PASTEURISED MILK.

124 samples of pasteurised milk were submitted for examination during the year with the following results :—

Processor and Designation of Milk.	Total Samples.	Phosphatase Test.		Methylene Blue Test.	
		Pass.	Fail.	Pass.	Fail.
Co-operative Soc. (Goole) Ltd.					
Pasteurised Milk	... 50	25	—	25	—
Northern Dairies (W.R.) Ltd.					
Pasteurised Milk	... 46	23	—	22	1
Tuberculin Tested					
Pasteurised	... 2	1	—	1	—
Riley's Dairies Ltd.					
Pasteurised Milk	... 26	13	—	13	—
	124	62	—	61	1

### Laboratory Examination of Sterilised Milk.

6 samples of sterilised milk were submitted for examination during the year with the following results :

Processor.	Total Samples.	Turbidity Test.	
		Pass.	Fail.
Northern Dairies (W.R.) Ltd.	... 1	1	—
Riley's Dairies Ltd.	... 1	1	—
P.C.S. Milk Co. Ltd.	... 4	4	—
	6	6	—

### Laboratory Examination of Tuberculin Tested Milk.

One sample of milk distributed by Yorkshire T.T. Wholesalers Ltd. satisfied the tests.

### Laboratory Examination of Raw Milk.

20 samples of raw milk were submitted for examination during the year with the following results :—

Producer.	Total Samples.	Methylene Blue Test.	
		Pass.	Fail.
W. Shipley, Hook, Goole.	... 7	7	—
J. S. Johnson, Hook, Goole.	... 3	3	—
L. Spink, Hook, Goole.	... 1	1	—
W. Moore, Airmyn, Goole.	... 9	2	7
	20	13	7



**Biological Tests of Milk for Tuberculosis.**

21 samples of milk were submitted during the year with the following results :—

Producer.	Test Negative.		Test Positive.
	No evidence of T.B.		Evidence of T.B.
W. Shipley, Hook, Goole.	...	3	—
J. S. Johnson, Hook, Goole.	...	3	—
L. Spink, Hook, Goole.	...	1	—
W. Moore, Airmyn, Goole.	...	4	—
Co-op. Soc. (Goole) Ltd.	...	2	—
Northern Dairies (W.R.) Ltd.	...	3	—
		16	Nil

In five instances the results were inconclusive as the guinea pig died of causes other than tuberculosis before the tests were completed.

**Milk and Dairies Order, 1949. Article 26.**

A milk distributor was prosecuted for using a dirty milk churn. The case was heard by the Local Bench on January 23rd, 1952, and the firm was fined £20 including costs.

# Bacteriological Examination of Ice Cream and Ice-Lollipops.

Manufacturer.	Ice Cream.				Lollipops.			
	No. of samples in Grade.				No. of samples in Grade.			
	1	2	3	4	1	2	3	4
Riches, Goole.	... 15	1			14			
Coult, Goole.	... 5				7			
Stephenson, Goole.	... 11				6			
White, Goole.	... 3	1	2					
Wright, Goole	... 5				8			
Ferrar, Goole	...				10		2	
Whitehead, Goole.	...				5			
Co-op. Wholesale Soc. Ltd.	... 3							
Doubtfire, Hemingbrough	... 8	2		2				
Glacier Food Co. Ltd.	...				1			
Ice-Pops Ltd.	...				1			
Koola-Fruita Ltd.	...				1			
Lyons Ltd.	... 1			1				
Massarella Ltd., Bentley.	... 11	3			1			
Midland Counties Dairies Ltd.	3							
Northern Dairies (W.R.) Ltd.	6	2			2			
Roscona Ltd., Bradford.	... 3				4			
Walls Ltd., London.	... 4							
Woodland Ices Ltd., Doncaster.	4	1			2			
Total of samples.	... 82	10	2	3	62		2	

There are five premises in the Borough registered for the manufacture of ice-cream. In three of these the hot mix process is used and in two the complete cold mix. In three other premises only ice-lollipops are made. In forty other premises ice-cream is sold only but not made. In view of this keen competition one can but wonder how long the small manufacturers can survive and how long it will be before saturation point has been reached. The standard of purity in both ice-cream and lollipops is bacteriologically high with nearly 95% of the former in Grades 1 and 2, and 97% of the latter in Grade 1.

## WATER SUPPLY.

The bacteriologists and the analysts reports upon samples of water submitted during the year are given below. The analyses are of raw water taken at the borehole. Those samples from the borehole for bacteriological examination are also raw water. Samples taken from all other points of supply are chlorinated. Goole water is not plumbo-solvent and there are no known or suspected sources of contamination. In addition to water supplied to part of the Goole Rural District, approximately 5850 houses within the Borough are supplied and except for approximately 150 houses, every other house has an internal water supply.

### Bacteriological Examination of Public Water Supply.

Date of Sampling.	Place of Sampling.	Classification.	Bacteriologists Remarks.
17.1.51	Co-op. Dairy, Centenary Rd.	4	Unsatisfactory
do.	Riley's Dairy, North St.	4	do.
19.1.51	Child Welfare Centre.	1	Satisfactory
do.	46 Ouse Street.	3	Unsatisfactory for a chlorinated water
do.	Co-op. Dairy, Centenary Rd.	4	Unsatisfactory
do.	Riley's Dairy, North St.	4	do.
22.1.51	Borehole, Pollington.	1	Highly Satisfactory
do.	do.	1	do.
25.1.51	do.	1	do.
do.	do.	1	do.
do.	Child Welfare Centre.	3	Unsatisfactory for a chlorinated water
do.	Co-op. Dairy, Centenary Rd.	3	do.
do.	Riley's Dairy, North St.	3	do.
do.	46 Ouse Street.	3	do.
29.1.51	Borehole, Pollington	1	Highly Satisfactory
do.	do.	1	do.
do.	West Lodge, Cowick.	2	Unsatisfactory for a chlorinated water
do.	do.	2	do.
do.	Pontefract Rd., Snaith.	3	do.
do.	do.	3	do.
do.	Post Office Rd., Rawcliffe.	1	Highly Satisfactory
do.	do.	2	Unsatisfactory for a chlorinated water
do.	Glew's Garage, Rawcliffe Rd.	3	do.
do.	do.	3	do.
do.	Middle Depth, Water Tower.	4	Unsatisfactory
do.	Bottom Depth, Water Tower.	4	do.
do.	Riley's Dairy, North St.	3	Unsatisfactory for a chlorinated water
do.	Co-op. Dairy, Centenary Rd.	3	do.
do.	Council Offices, Stanhope St.	3	do.
1.2.51	Borehole, Pollington.	1	Highly Satisfactory
do.	Cottage, Pollington Waterworks.	1	do.
do.	Schoolhouse, Snaith.	1	do.
do.	Gyme Cafe.	1	do.
do.	Bungalow, Rawcliffe Rd.	1	do.

Date of Sampling.	Place of Sampling.	Classification.	Bacteriologists Remarks.
1.2.51	Water Tower, Varying Depths.	1	Highly Satisfactory
do.	do.	1	do.
do.	do.	1	do.
do.	do.	1	do.
do.	do.	1	do.
do.	do.	2	Unsatisfactory for a chlorinated water
7.2.51	Market Hall.	1	Highly Satisfactory
14.2.51	25 Ouse Street.	1	do.
21.2.51	11 Spencer Street.	1	do.
14.3.51	Alexandra Street School.	1	do.
4.4.51	Public Baths.	1	do.
25.4.51	Borehole, Pollington.	1	do.
do.	do.	1	do.
do.	Market Hall.	1	do.
do.	111 Pasture Road.	1	do.
15.5.51	Carter Street.	1	do.
20.6.51	do.	1	do.
do.	Public Baths.	1	do.
do.	do.	1	do.
26.7.51	Child Welfare Centre.	1	do.
do.	38 Henry Street.	1	do.
do.	33 North Street.	1	do.
do.	Council Offices, Stanhope St.	1	do.
30.7.51	Borehole, Pollington.	1	do.
do.	do.	1	do.
do.	Council Offices, Stanhope St.	1	do.
15.8.51	Public Baths.	1	do.
12.9.51	Market Hall.	1	do.
26.9.51	Pasture Road School.	1	do.
24.10.51	71 Colonel's Walk.	2	Unsatisfactory for a chlorinated water
31.10.51	Market Hall.	1	Highly Satisfactory
do.	Boothferry Road School.	1	do.
do.	69 Centenary Road.	1	do.
do.	Co-op. Dairy, Centenary Rd.	1	do.
do.	71 Colonel's Walk.	1	do.
do.	Council Offices, Stanhope St.	1	do.
27.11.51	Borehole, Pollington.	1	do.
do.	do.	1	do.
do.	Council Offices, Stanhope St.	1	do.



**Chemical Examination of Public Water Supplies.**

	30.1.51	24.4.51	15.8.51	27.11.51
Suspended Matter.	Trace.	Trace.	None.	Trace.
Appearance.	Clear and colourless.	Clear and colourless.	Clear and colourless.	Clear and colourless.
Taste.	Normal.	Normal.	Normal.	Normal.
Odour.	None.	None.	None.	None.

**Parts per Million.**

Chlorides expressed as chlorine.	21	21	21	21
Nitrites	None.	None.	None.	None.
Lead etc.	None.	None.	None.	None.
Hardness, Total.	160	—	94	101
Oxygen absorbed at 80°F. (4 hours).	0.161	0.61	0.225	0.094
Free Ammonia.	0.008	0.000	0.002	0.002
Albumoid Ammonia.	0.020	0.000	0.010	0.010
Remarks	Satisfactory. Satisfactory. Satisfactory. Satisfactory.			

**Consumption of Water.**

Month.	Water pumped in Million Gallons.	Average Daily Consumption.
January	... 32.94	1,061,000
February	... 30.435	1,087,000
March	... 33.769	1,089,322
April	... 34.341	1,144,700
May	... 36.310	1,171,290
June	... 34.426	1,147,533
July	... 36.001	1,163,323
August	... 34.474	1,112,064
September	... 34.250	1,141,666
October	... 35.761	1,150,677
November	... 33.652	1,121,733
December	... 36.045	1,162,742
	412.358	1,129,750
	Million Gallons.	gallons daily average consumption.

## NEW HOUSING, RE-HOUSING AND HOUSING REPAIRS.

The following tabular statement shows what has been done during the year :—

			1951.	Since 1945.
New houses completed	...	...	86	404
New huts completed	...	...	6	69
Casual vacancies, houses	...	...	28	147
Casual vacancies, huts	...	...	1	1
			<hr/>	<hr/>
Dwellings available for letting	...	...	121	621
			<hr/>	<hr/>
New houses let to new tenants	...	...	45	
Older houses let to new tenants	...	...	37	
New huts let to new tenants	...	...	6	
Older huts let to new tenants	...	...	33	
			<hr/>	
New tenants accommodated	...	...	121	
			<hr/>	
Tenants of older houses transferred to new	...	...	41	
Tenants of huts transferred to houses	...	...	32	
Tuberculous families accommodated in houses	...	...	8	
Tuberculous families accommodated in huts	...	...	2	
Cases of serious sickness rehoused	...	...	5	
<b>Applicants for houses at 31.12.51 :—</b>				
Those possessing a house	...	...	573	
Those without a house	...	...	466	
Those in council huts	...	...	68	
			<hr/>	
Total applicants	...	...	1107	
			<hr/>	
<b>New applicants during 1951 :—</b>				
Applicants who occupy a house	...	...	60	
Applicants living in rooms	...	...	126	
Applicants for aged persons dwellings	...	...	17	
Applicants from outside the Borough	...	...	22	
			<hr/>	
			225	
			<hr/>	

The acute shortage of good houses has existed for so long that the evils associated with it must be evident to all, so that it is unnecessary to write of them again. Another and perhaps, in its influence upon the health of the people, a more serious matter is the rapid deterioration taking place in hundreds of houses in the Borough due to the necessary maintenance repairs not being carried out. We spend the greater part of our time inspecting, revisiting, pressing owners and craftsmen to get on with essential repairs but instead of catching up with the arrears of the war and post war period we are falling far behind. The provision of new houses is important but unless a much greater labour force can be turned onto maintenance repairs, within a few years the conditions of many of the houses, other than council houses, will be disastrous. As this problem is bound up with political and economic issues outside the province of an officer I will leave it at that.

### **Tents, Vans, Sheds and Other Moveable Dwellings.**

A licence has been issued permitting the use of one caravan. Except for this and the travelling tinker or hawker who stops for two or three days we have no other dwellings of this type.

### **Drainage and Sanitation.**

To the list of houses not connected to the public sewers given on page 26 Annual Report 1950 should be added the Vicarage and also Ashfield, both in Hook Road, where in each instance drainage is direct into the river.

### **Conversion of Pail Closets.**

The position is still the same as that reported in page 26, Annual Report 1950.

### **Miscellaneous Matters.**

The various particulars given in pages 30 and 31 of the Annual Report for 1950 are substantially the same in 1951.

### **Public Baths.**

#### **Bacteriological Examination of Water from Swimming Pool.**

23.5.51	Inlet.	Class 1.	Highly Satisfactory.
23.5.51	Outlet.	do.	do.
23.6.51	Inlet.	do.	do.
23.6.51	Outlet.	do.	do.
18.7.51	Inlet.	do.	do.
18.7.51	Outlet.	do.	do.
15.8.51	Inlet.	do.	do.
15.8.51	Outlet.	do.	do.
12.9.51	Inlet.	do.	do.
12.9.51	Outlet.	do.	do.

The treatment to ensure purity of the Swimming Pool Water consists of filtration, aeration and chlorination.

### **Sanitary Conveniences in Licensed Premises.**

The alterations and improvements to the sanitary conveniences at the George IV Hotel have now been completed. There are now two W.C.'s for the use of females, one W.C. and urinal for the use of males, all properly separated and with intervening ventilated lobbies from the public passages of the hotel. Nothing has yet been done to remedy the very unsatisfactory conditions at the Buchanan Hotel.

### **The Rag Flock and Other Filling Materials Act, 1951.**

There are five premises in the Borough where the trade of upholstering is carried on, but only one where new work is done and these premises have been registered. So far as I can ascertain there are no other premises at which any operation is performed which comes within the scope of the Act.

### **Rodent Control.**

The town refuse tip at Airmyn Wood in the rural district was treated for the destruction of rats on two occasions during the year. In January 1400 rat holes were baited and 278 dead rats

were picked up on and around the tip. From the amount of poisoned bait taken it is calculated that actually some 1400 rats were killed. In March 226 points were baited and although only 5 bodies were found subsequent inspections of the tip confirmed that the treatment had been successful. A thorough inspection of the tip in August revealed very little evidence of rats. Except for night-soil and the more objectionable types of refuse, tipping has been stopped at Airmyn Wood and ordinary household refuse is being tipped on a site in Western Road. This tip has been kept under observation and no evidence of rats infesting it have yet been found. A routine treatment of the town sewer manholes was carried out in January. The number of manholes treated was 120, with complete takes of bait in 22 and part takes in 5. The number of rats killed if estimated by the usual formula was 160. The manholes were again treated in late July and early August. This time 140 manholes were baited with 18 part takes of poison. The conclusions arrived at were (a) infestation in the sewers is low (b) that it is concentrated on the route of the Hook Drain and its tributaries. The Highways Depot in Dunhill Road was treated in April with 170 initial baiting points and 120 poison baits laid. 2 complete and 57 part poison baits were taken. Owing to the dense vegetation and the accumulations of material very few bodies were found but the number of rats killed must have been large. In addition 34 premises were treated for rats and 9 for mice. These included 25 dwelling houses, a church, a church hall, a school, 3 building sites, allotments, offices, stables, parks etc. In all instances the infestations were reduced and in the majority total clearance resulted.

### Rainfall and Atmospheric Pollution.

An atmospheric pollution recorder and raingauge on the roof of the Child Welfare Centre, Bartholomew Avenue, Goole is maintained by the W.R.C.C. under the auspices of the Department of Scientific and Industrial Research. The Local Agent of the Docks and Inland Waterways Executive kindly supplies data recorded by the raingauge maintained at the Docks Office in Stanhope Street, Goole. Particulars are also given of the rainfall recorded at the Corporation Waterworks at Pollington.

Month.	Rainfall in inches.			Solids deposited in tons per sq. mile.
	Welfare Centre.	Docks Offices.	Pollington.	
January	... 1.488	1.58	1.66	8.769
February	... 2.391	2.32	2.21	10.232
March	... 2.444	2.57	2.25	11.004
April	... .850	.78	0.79	10.973
May	... 3.720	3.73	3.57	10.695
June	... 1.169	1.26	.82	9.285
July	... 1.753	1.62	1.49	8.081
August	... 5.580	5.58	4.28	11.245
September	... 1.382	1.35	1.02	8.425
October	... 1.590	1.49	1.20	9.760
November	... 4.610	5.04	4.48	14.856
December	... 2.020	2.11	1.41	10.832
Totals	... 29 ins.	29.43	25.20	124 tons.



## METEOROLOGY.

### RAINFALL AND SHADE TEMPERATURES RECORDED AT GOOLE IN THE COUNTY OF YORK.

1951

Rain gauge :—Diameter of Funnel at Top : 5 inches.  
 Height of Top above ground : 1 foot.  
 Height of Ground above M.S.L. : 18 feet.

Mr. R. Buttery of the Docks & Inland Waterways Executive (Humber Ports), Goole, has kindly furnished me with the following particulars :—

		RAINFALL.		SHADE TEMPERATURES.		
		No. of days Greatest Maximum Minimum Mean with .01" fall in Reading Reading Monthly or more 24 hours. during during Temp.				
		Total Inches.	recorded. Days.	Inches.	Deg.	Deg.
January	...	1.58	15	.38	53	25
February	...	2.32	16	.49	56	28
March	...	2.57	17	.47	57	29
April	...	.78	14	.17	70	33
May	...	3.73	21	1.15	70	35
June	...	1.26	14	.30	73	46
July	...	1.62	15	.62	79	49
August	...	5.58	23	1.36	75	47
September	...	1.35	13	.45	76	47
October	...	1.49	10	.99	65	32
November	...	5.04	23	1.59	56	32
December	...	2.11	17	.49	52	26

Average Rainfall for past 38 years : 25.11 inches.

## SCHOOLS.

Further to the report given on page 44 Annual Report, 1950 I append the following letter :—

29th January, 1952.

School Sanitary Conveniences,  
Borough of Goole.

With reference to your letter of the 28th December, 1951, my Committee have recently considered a comprehensive report on the condition of sanitary conveniences in schools throughout the Riding, with a view to allocating available funds to the more urgent cases. Of the schools named in the report of your Senior Sanitary Inspector it is proposed to carry out work at the Alexandra Street Junior Boys' and Infants' Schools during the current financial year. It has also been possible to allocate funds to carry out a major reorganisation of the sanitary conveniences at the Old Goole School during 1952-53.

Yours faithfully,  
 (Signed) A. B. CLEGG,  
 Chief Education Officer,  
 West Riding County Council,  
 Education Department 1.

## STORAGE OF PETROLEUM AND CARBIDE OF CALCIUM

The following persons or firms hold licences to store :—

Holder of Licence.	Quantity of Petrol			Fee due.		
			Gallons.	£	s.	d.
Thomas Shaw, 141 Dunhill Road	...	...	500	...	10	0
R. Kay, Second Avenue	...	...	750	...	15	0
West Riding Constabulary, Estcourt Terrace			500	...	10	0
Platt & Featherstone Ltd., Boothferry Road...			500	...	10	0
J. Wardle & Son Ltd., Carlisle Street	...		1,000	...	15	0
Easthams Ltd., Market Square	...	...	1,000	...	15	0
Hudson, Ward & Co. Ltd., Albert Street	...		800	...	15	0
Shell-Mex & B.P. Ltd., Queen St., Leeds	...		5,000	...	1	0 0
Fisons Ltd., Cottingham Street	...	...	500	...	10	0
Goole Co-operative Society Ltd., Victoria Street	...	...	300	...	10	0
Goole Co-operative Society Ltd., Fifth Avenue			500	...	10	0
Goole Shipbuilding & Repairing Co. Ltd., Swinefleet Road	...	...	500	...	10	0
L.E.P. Transport Ltd., Belgravia	...	...	500	...	10	0
N.E. Gas Board, Doyle Street	...	...	3,000 benzol 500 petrol	1	0	0
British Oxygen Co. Ltd., Rawcliffe Road	...		1,000	...	15	0
Lincoln Road Car Co. Ltd., Burlington Crescent			2,000	...	1	0 0
The Paragon (Hull) Motor Co. Ltd. Rawcliffe Road	...	...	3,500	...	1	0 0
E. Timm & Son Ltd., Boothferry Road	...		500	...	10	0
Henry Williamson & Co. Ltd., Boothferry Rd.	...		500	...	10	0
Wm. F. Hudson, Marshland Hotel, Swinefleet Road	...	...	500	...	10	0
Bellamy & Featherstone, Mariners Street	...		500	...	10	0
T. Waterfall, Highways Depot, Dunhill Rd.	...		500	...	No fee	
Richardson Bros., N.E. Hotel Garage	...		250	...	10	0
Cyril Holt, Stanhope Street	...	...	1,300	...	1	0 0
H. M. Johnson & Son, Swinefleet Road	...		250	...	10	0
W. Eastham, Burlington Crescent	...	...	500	...	10	0

### Carbide.

Calvert & Co. (Goole) Ltd., The Arcade	...	8 cwts.	...	5	0
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## PUBLIC MORTUARY.

26 bodies were received into the mortuary during the year.  
22 were from the Borough and 4 from other districts.

The mortuary is well maintained and is a useful asset to the town.



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*Printed by*  
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*Carlisle Street, Goole.*

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